

**In the Claims**

Claims 1 through 12 are presented.

Please amend Claims 1, 7, 9, 10 as follows:

1. (CURRENTLY AMENDED) A system, for running on a computer, for determining an investment strategy for an entity with assets in taxable and tax-free accounts, comprising:

an account information input component, to accept information regarding said assets in said taxable and tax-free accounts for said entity;

an investment selection input component, to accept information regarding a plurality of investments, including an indication of a percentage amount of said assets to invest in each of said plurality of investments;

an account amount selection component that selects amounts to invest from said taxable and tax-free accounts randomly or using Genetic Algorithms (GA), to determine an amount to invest from said taxable accounts and tax-free accounts in each of said plurality of investments, wherein said ~~determined~~ amounts substantially matches said indication of a percentage amount to invest in each of said plurality of investments;

a time horizon input component, to accept an indication of a time horizon; and

a return on investment calculation component, to calculate a return on investment for said entity based on said information regarding said assets, said information regarding a plurality of investments, said indication of a percentage amount, said selected amount to invest from said taxable and said tax-free accounts, and said indication of a time horizon;

wherein said account amount selection component determines an amount from said taxable and tax-free accounts in order to produce a maximal after-tax accumulation for said entity at said time horizon.

2. (ORIGINAL) The system of claim 1 wherein said account amount selection component randomly selects amounts from said taxable and tax-free accounts, and said return on investment calculation component calculates an after-tax accumulation for said entity based on said randomly selected amounts.

3. (ORIGINAL) The system of claim 2 wherein steps of randomly selecting amounts from said taxable and tax-free accounts, and calculating a return, are performed a plurality of times, and said system outputs selected amounts from said taxable and tax-free accounts which produce a maximal return.

4. (ORIGINAL) The system of claim 1 wherein said account amount selection component selects an amount from said taxable and tax-free accounts using Genetic Algorithms (GA) in order to produce a maximal return on investment for said entity at said time horizon.

5. (ORIGINAL) The system of claim 4 further including:

a chromosome structure, for use with said Genetic Algorithms, wherein said chromosome structure includes a plurality of values, each value being an indication of an amount from said tax-free accounts to invest in a selected one of said plurality of investments; and

said return on investment calculation component calculates an after-tax accumulation for said entity based on said values in said chromosome structure.

6. (ORIGINAL) The system of claim 1 further including:

a personal tax component, to accept information regarding personal tax rates for said entity, wherein said a return on investment calculation component calculates a return on investment for said entity based on said information regarding said personal tax rates.

7. (PRESENTLY AMENDED) On a computer system, a method of determining an investment strategy for an entity with assets in taxable and tax-free accounts, said method comprising:

receiving information regarding a plurality of investments;

receiving information regarding a percentage amount of said assets to invest in each of said plurality of investments;

receiving information regarding a time horizon; and

for each of said plurality of investments, ~~determining an amount to invest from said taxable and tax-free accounts in said investment~~ selecting an amount to invest from said taxable

and tax-free accounts randomly or using Genetic Algorithms (GA), wherein said determined amount to invest substantially matches said percentage amount to invest in said investment;

wherein said determinations will produce a substantially maximal after-tax accumulation for said entity at said time horizon.

8. (PREVIOUSLY PRESENTED) The method of claim 7 wherein said step of determining an amount to invest from said taxable and tax-free accounts includes calculating tax consequences over said time horizon for said entity based on said amounts to invest.

9. (CURRENTLY AMENDED) The method of claim 8 wherein said step of determining an amount to invest from said taxable and tax-free ~~deferred~~ accounts further includes:

performing sampling steps a plurality of times, said sampling steps comprising:  
randomly selecting amounts from said tax-free accounts to invest in each of said plurality of investments;  
determining appropriate amounts from said taxable accounts so that said selected percentage amounts for each of plurality of investments is satisfied; and  
determining a result if said amounts were invested as selected and determined for said time horizon.

10. (CURRENTLY AMENDED) The method of claim 8 wherein said step of determining an amount to invest from said taxable and tax-free ~~deferred~~ accounts further includes:

creating a plurality of GA chromosome structures, each GA chromosome structure including a value for each of said plurality of investments, each value being an indication of an amount from said tax-free accounts to invest in said corresponding investment;  
setting said values in said plurality of GA chromosome structures to initial settings;  
evaluating fitness of said plurality of GA chromosome structures;  
selecting at least one of said GA chromosome structures with an optimal fitness; and  
using said values from said selected GA chromosome structure as amounts from said tax-free accounts to invest in said corresponding investment for said substantially maximal accumulation.

11. (ORIGINAL) The method of claim 10 further including the step of:

calculating an improvement value of said substantially maximal after-tax accumulation based on said determined investment amounts from said taxable and tax-free accounts, as compared to an after-tax accumulation based on said initial settings.

12. (ORIGINAL) A computer system for determining an optimal investment strategy for an entity with assets in taxable and tax-free accounts, comprising:

means for obtaining tax information, account information, account amounts, and time horizon information from said entity;

a GA chromosome structure, for indicating an amount to invest in said taxable and tax-free accounts;

means for obtaining initial amounts to invest in said taxable and tax-free accounts;

means for calculating an after-tax accumulation based on indications in said GA component structure;

means for modifying said GA chromosome structure to improve said calculated after-tax accumulation; and

means for displaying said resulting after-tax accumulation.